

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1254	(700/29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 17:41
S3	401	(700/31).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:34
S4	238	(700/32).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:08
S6	224	(700/33).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:35
S7	105	(700/34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:44
S8	327	(700/44).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:50
S9	137	(700/47).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:55
S10	155	(700/48).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:58

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S11	80	(700/53).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 20:03
S12	355	(706/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 20:15
S13	313	(706/14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 20:34
S14	366	(700/30).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 18:46
S15	2	model and (recursive near validat\$4) same frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:49
S16	3	model and (recursive near validat\$4) and frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:49
S17	8057	model and (recursive) and frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:49
S18	1781	model and (recursive) same frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:50

## EAST Search History

S19	1299	model and (recursive) with frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:50
S20	467	model and ((recursive) with frequenc\$4) and cluster\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:50
S21	1	model and ((recursive) with frequenc\$4) and cluster\$3 and hysteresis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:50
S22	1	model and ((recursive) with frequenc\$4) and cluster\$3 and (hysteresis or distrubance\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:51
S23	209	model and ((recursive) with frequenc\$4) and cluster\$3 and (hysteresis or disturbanc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:54
S24	8	model and ((recursive) with frequenc\$4) and cluster\$3 and (hysteresis or disturbanc\$3)and ((mimo) or (multiple adj input adj multiple adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:53
S25	9	model and ((recursive) with frequenc\$4) and cluster\$3 and ((mimo) or (multiple adj input adj multiple adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:53
S26	1	model and ((recursive) with frequenc\$4) and (hysteresis or distrubance) and ((mimo) or (multiple adj input adj multiple adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:53

## EAST Search History

S27	1	model and ((recursive) with frequenc\$4) and (hysteresis or disturbanc\$2) and ((mimo) or (multiple adj input adj multiple adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:53
S28	106	model and ((recursive) with frequenc\$4) and (hysteresis or disturbanc\$3) and (mimo or multiple near input near multiple output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:56
S29	1	model and ((recursive) with frequenc\$4) and (hysteresis or disturbanc\$3) and (mimo or multiple near input near multiple output) and identif\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:56
S30	91	model and (hysteresis or disturbanc\$3) and (mimo or multiple near input near multiple output) and identif\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:56
S31	367	model and ((recursive) with frequenc\$4) and (mimo or multiple near input near multiple output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 17:59
S33	4491	model same (frequenc\$4) and (mimo or multiple near input near multiple output) and (hysteresis or disturbance\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:00
S36	1651	model same (frequenc\$4) same (mimo or multiple near input near multiple output) and (hysteresis or disturbance\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:01
S37	162	model same (tune or tuning or train or training) same (frequenc\$4) same (mimo or multiple near input near multiple output) and (hysteresis or disturbance\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:06

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S38	13	model same (tune or tuning or train or training) same (frequenc\$4) same (mimo or multiple near input near multiple output) and (hysteresis or disturbance\$3) and (trajectory or trajector\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:07
S39	10	model same (tune or tuning or train or training) same (frequenc\$4) same (mimo or multiple near input near multiple output) and (hysteresis or disturbance\$3) and (trajectory or trajector\$5) and vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:11
S40	1	model same (tune or tuning or train or training) same (frequenc\$4) same (mimo or multiple near input near multiple output) and (hysteresis or disturbance\$3) and (trajectory or trajector\$5) and vector and table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:11
S41	6	model same (tune or tuning or train or training) same (frequenc\$4) same (mimo or multiple near input near multiple output) and (trajectory or trajector\$5) and vector and table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:12
S42	12	model same (tune or tuning or train or training) same (frequenc\$4) same (mimo or multiple near input near multiple output) and (trajectory or trajector\$5) and table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:12
S43	20310	model with (frequencies or frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:33
S44	211	model with (frequencies or frequency) and (mimo or multiple adj input adj multiple adj output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:33
S45	1	(model with (frequencies or frequency) same cluster\$3) and (mimo or multiple adj input adj multiple adj output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:34

## EAST Search History

S46	17	(model with (frequencies or frequency) same (cluster\$3 or group\$3 or table)) and (mimo or multiple adj input adj multiple adj output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 18:34
S48	238	(700/32).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 19:35
S50	3582	model with (clustering or cluster)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:35
S51	684	model with (RECURSIVE) AND FREQUEN\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:29
S53	32	model with (RECURSIVE) WITH FREQUEN\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:39
S54	4	model with (RECURSIVE) WITH FREQUEN\$6 AND (PIECEWISE OR PIECE ADJ1 WISE)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:40
S55	503	model with FREQUEN\$6 AND (PIECEWISE OR PIECE ADJ1 WISE)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:40
S58	7	(model with FREQUEN\$6 AND (PIECEWISE OR PIECE ADJ1 WISE)) AND "706".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:41

## EAST Search History

S60	12	(model with FREQUEN\$6 AND (PIECEWISE OR PIECE ADJ1 WISE)) AND "700".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 20:42
S61	0	recursive with algorithim	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:18
S62	228	sub adj goal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:19
S63	0	(recursion or recusive) near algorithim	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:19
S64	0	(recursion or recusive) near algorithum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:20
S65	2015	(recursion or recursive) near algorithum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:24
S66	256	(recursion or recursive) near algorithum and (clustering or cluster)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:22
S67	40	(recursion or recursive) near algorithum and (clustering or cluster) with (analysis or pattern near match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:23

## EAST Search History

S68	143088	cluster or clustering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:25
S69	3739	adjust\$4 adj band\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:25
S70	14	validat\$5 near model near accuracy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:26
S71	218	validat\$5 with model with accuracy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:35
S72	5740	validat\$5 with model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:26
S73	791	validat\$5 adj model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:26
S74	1	S65 and S68 and S71 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:27
S75	282	S65 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:27



## EAST Search History

S76	6	S65 and S68 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:28
S77	37	S65 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 21:29
S80	3719	(model or algorithm) with (RECURSIVE) AND FREQUEN\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:10
S81	124	(model or algorithm) with (RECURSIVE) with FREQUEN\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:30
S82	129	(model or algorithm) with (RECURS\$4) with FREQUEN\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:30
S83	2	(model or algorithm) with (RECURS\$4) with FREQUEN\$6 and (validat\$5 with model or alogrithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:31
S84	3	(model or algorithm) with (RECURS\$4) with FREQUEN\$6 and (validat\$5 same model or alogrithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:31
S85	5	(model or algorithm) with (RECURS\$4) with FREQUEN\$6 and (validat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:32

## EAST Search History

S87	12	((model or algorithm) with (RECURS\$4) with FREQUEN\$6) and (cluster or clustering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:32
S88	998	(model or algorithm) with (RECURS\$4) and (cluster or clustering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:35
S89	107	((model or algorithm) with (RECURS\$4)) and ((clustering or cluster) with (analysis or pattern near match\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 07:36
S90	9	(recursi\$4) near validat\$5 and frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 09:26
S91	70	(recursi\$4) with validat\$5 and frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 09:38
S92	21	(recursi\$4) near validat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 09:40
S97	4297	square adj matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:09
S98	1	square adj matrix and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:09

## EAST Search History

S99	85	(model or algorithm) with (RECURSIVE) and (square adj matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 11:22
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